

# Comparisons of Job Characteristics

**Focus Occupation: Gas Plant Operators (51-8092)**

**Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 74

**Focus Occupation: Gas Plant Operators (51-8092)**

**Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	17.0	16.8	0	Current knowledge level may be sufficient
Building and Construction	4.0	16.6	7.4	<<	Extensive education and/or training may be required
Design	5.2	11.2	5.1	<<	Extensive education and/or training may be required
Mathematics	9.2	11.0	9.2	<	Expanded education and/or training may be required
Physics	4.3	9.6	8.8	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	9.1	7.8	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 76

**Focus Occupation: Gas Plant Operators (51-8092)**

**Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	8.7	12.0	>>	Skill level is likely more than sufficient
Quality Control Analysis	5.9	8.7	10.8	>	Skill level is likely sufficient
Repairing	3.4	8.4	8.4	0	Current skill level may be sufficient
Troubleshooting	4.5	8.4	9.4	>	Skill level is likely sufficient
Equipment Maintenance	3.5	7.5	8.4	>	Skill level is likely sufficient
Equipment Selection	3.3	6.0	6.3	0	Current skill level may be sufficient
Installation	1.7	5.5	1.2	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 63			
Focus Occupation: Gas Plant Operators (51-8092) Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	11.8	8.2	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	11.5	5.6	<<	Extensive improvement in abilities may be required
Visualization	7.5	11.2	9.1	<	Some improvement in abilities may be required
Finger Dexterity	7.6	11.1	8.4	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.1	9.1	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.0	5.8	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	7.4	4.4	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	6.3	4.2	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	5.8	4.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 51	
Focus Occupation: Gas Plant Operators (51-8092) Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)			
Work Activities		Exclusivity of Activity	
Clean equipment or machinery		20	
Direct and coordinate activities of workers or staff		3	
Use hand or power tools		2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.